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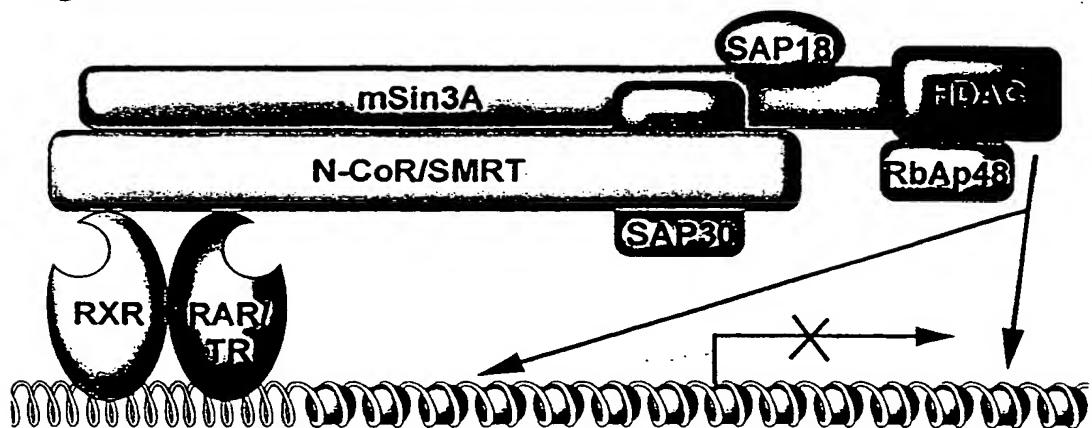
Figure 1

Figure 2

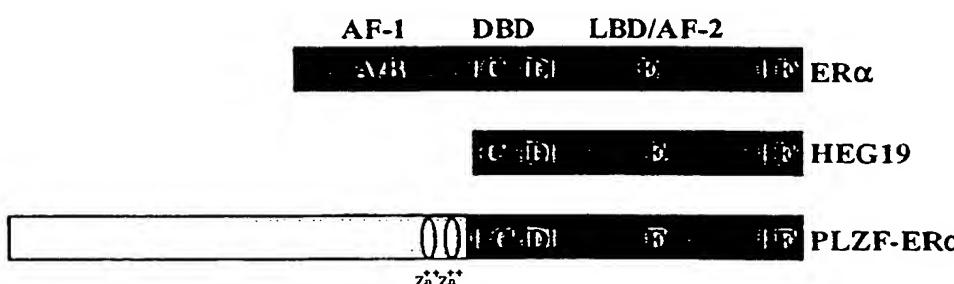
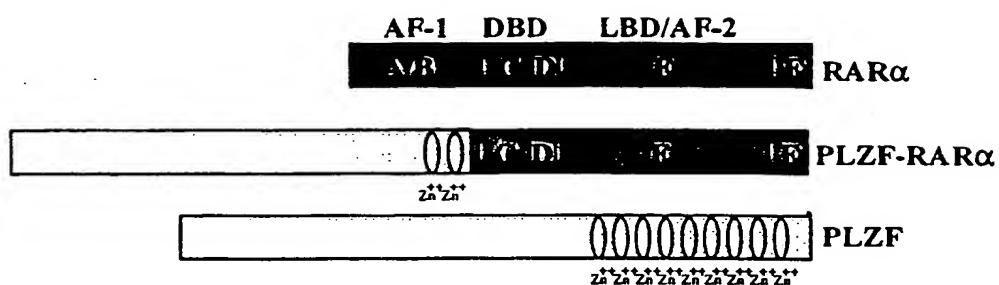


Fig. 3

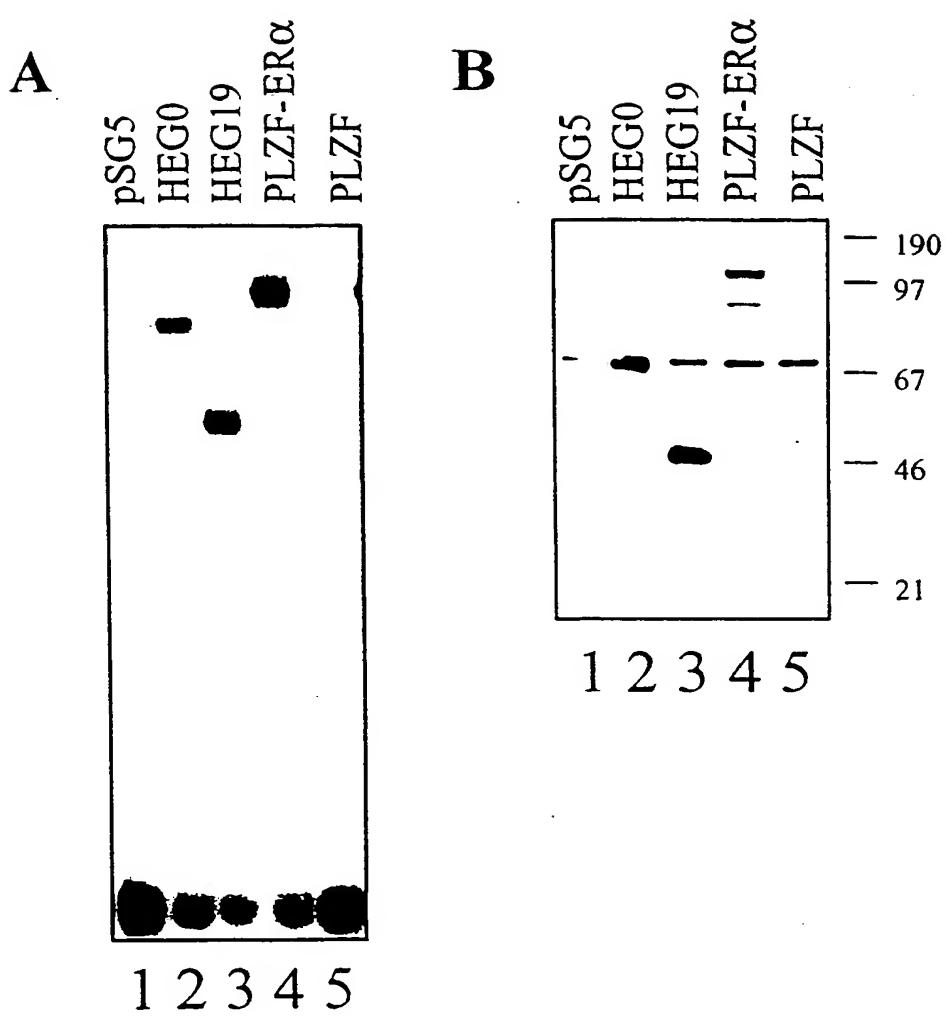


Figure 4A

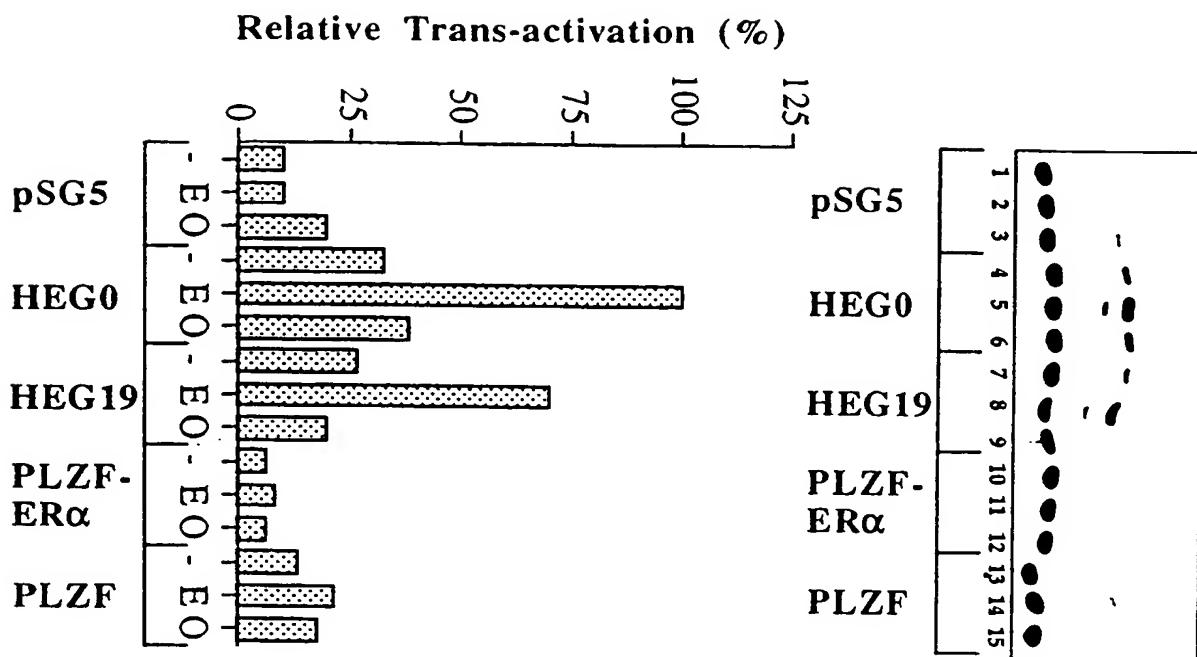


Figure 4B

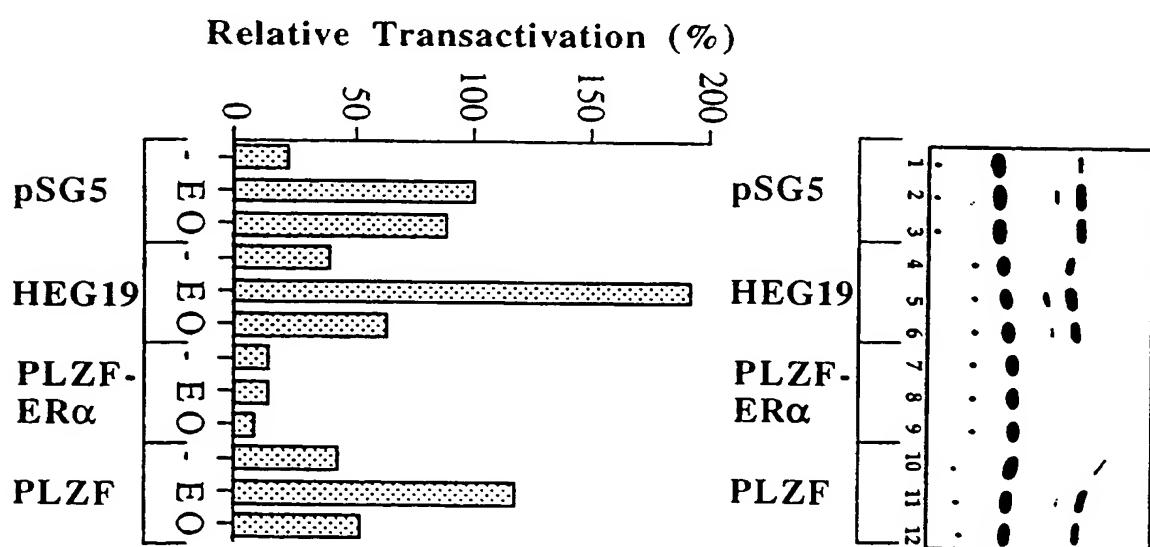


Figure 5

Alignment of the Amino Acid Sequences Encoding HDAC1 from Man, Plant and Yeast

Human HD1	Human HD1	Human HD1	Human HD1
Arabidopsis HD	Arabidopsis HD	Arabidopsis HD	Arabidopsis HD
Yeast HD1	Yeast HD1	Yeast HD1	Yeast HD1

```

M-----AQTOGTRRKVCRYDGVNYYGQGHPMKPHRTRMTHNLQNLNYGLRKHEIYRPHKANAETMTKHSDDYIKFORSIRPDNSSEYSKQ
NDGTGNSLSA--SGPDGVYRKVCFYDPEVGNYYGQGHPMKPHRTRMTHALLAHYGLQHMQLPFPAREEDLCRFHADDYVSFLRSITPECQDQIRQ
MYEATPFPFDITVKPSDRRVAFYDADVNCYAYGACHPMKPHRTRMAHSLSIMNYGLYRKMEIYRAKPATKQZNCQFHDEYIDFLSRVTPDNLLENFKRE

NQRFNUGEDCPVFDGLLFFFCQLSTGGSVASAVKLNKQQTDAVNWAGCLHHAKKSEASGFCYYNDIVLAILELLKYHQRVLYIDIDIHHDGTYEEAFYTT
LKRFRNUGEDCPVFDGLYSCQTYAGGSVGSVPLNHLGKDIATMAGGLHHAKKCEASGFCYYNDIVLAILELLKQHDRVLYIDIDIHHDGTYEEAFYAT
SVKFRNUGDGPVFDGLYECYCSISQGGSMEAAARLNUKCDVAVNAYAGGLHHAKKSEASGFCYLNIDIVGLIELLRYHQRVLYIDIDIHHDGTYEEAFYTT

DRVMTVSFIKYGEYFPFGTGDLRDGAQKCKYYAVNNYPLRDGIDDESEAIFKPVMSKWMEMFQPSAVVLQCGSDLSLSDRGLGCCFLUTIKGHAKCVERVRS
DRVMTVSFIKYGEYFPFGTGHIDIGYCSKYYSLAVPLDDGIDDESYHLLFKPIMGVMEIFRPGAVVLQCGADSLSGDRGLGCCFLUSIKGHAECVKFIRS
DRVMTCSFIKYGEFFPFGTGEIPLDGVGAGKMYAVNVLPLRDGIDDATYRSVEPVKIMENYQPSAVVLQCGGDSLSSDRGLGCCFLSMEGHANCVNYYRS

FNLPMMLMIGGGYTIARNVARCHMITYETAYALDTEIPNLPYNDYFEGCPDFKLHISPSNMNTNQNTNEYLEIKIQLRFLFENLMLPHAPGVQNOAIPEDAIP
FNVPLLLIIGGGYTIARNVARCHMCYETGVALGEVEEDKMPHEEYEEFGPDYTLHVAAPSNNMENKNSRQMLFETRNDLHLNLSKLQHAPSVPFQERPPDTET
FGIPMMVYGGGGYTRNVARITCFCETGJLNNVVLDELDLPYNEYEEYGPYKLSURPSNMENYNTPEYLDKVMNTIFANLNTYAPSQLNHTPRDA--
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EESGDEDDED-----DPDKRISICSSDKRIAC--EEFFSDSEEEEGGGRKNSNFKAKRVKTEDEKENDEEEKKEYTEEKT--KEEKPEAKGKEEVKLA
PEVDEDQEQEDKRMDDPSDMDYDDDRKPIPSRVKNEAEPDTKDKDGLKGIMERGKCCEVEYDESGSTKVTGUNPVVEASTVMEEEGTMKGAEQAFPPKT
EDLGDVEDD-----SAEAK-----DTKGGCSQYARDLHVHDNEFY
```

Fig. 6

